HOUSE
RESOLUTION No. ___

Introduced by: Koch

A HOUSE RESOLUTION urging the legislative council to establish an interim study committee on nuclear energy.

Whereas, There are currently 441 nuclear power reactors in operation in 31 countries in the world, including 104 commercial reactors in operation in the United States;

Whereas, Existing nuclear power reactors generate electricity for nearly one billion people and account for approximately 17% of worldwide electricity generation;

Whereas, Concerns over energy resource availability, climate change, air quality, and energy security suggest an important role for nuclear power in future energy supplies; and

Whereas, Further advances in nuclear energy system design, including Generation III and Generation IV technologies, can broaden the opportunities for the use of nuclear energy: Therefore,

Be it resolved by the House of Representatives of the General Assembly of the State of Indiana:

SECTION 1. That the legislative council is urged to create an interim study committee on nuclear energy.

SECTION 2. That, if so ordered, the committee shall consist of seven (7) members appointed as follows:

(1) Four (4) members of the general assembly appointed as follows:

(A) Two (2) senators appointed by the president pro tempore of the senate in consultation with the minority leader of the senate. The two (2) senators appointed under this clause may not be members of the same political party.

(B) Two (2) representatives appointed by the speaker of the house of representatives in consultation with the minority leader of the house of representatives. The two (2) representatives appointed under this clause may not be members of the same political party.

(2) Three (3) members appointed by the governor.

SECTION 3. That the president pro tempore of the senate and the speaker of the house of representatives shall jointly designate two (2) of the legislative members of the committee to serve as co-chairs of the committee.

SECTION 4. That the committee shall conduct a study of the feasibility of pursuing nuclear generated power in Indiana, including the following:

(1) An examination of advanced nuclear power reactors, including Generation III and Generation IV nuclear technologies.

(2) A review of the advanced nuclear technologies that are in operation in other states and countries.

(3) An examination of the methods by which spent nuclear fuel may be recycled, converted, and disposed.

(4) A review of the safety issues associated with operating and maintaining advanced nuclear power reactors.

(5) The estimated cost per kilowatt hour of energy generated by an advanced nuclear power reactor compared to the average cost per kilowatt hour of energy generated from other sources, such as wind, solar, hydroelectric, coal, and natural gas resources.

(6) An examination of the licensing, permitting, or other regulatory costs associated with constructing an advanced nuclear power reactor in Indiana.

(7) A review of potential federal tax incentives that may be available to support advanced nuclear power reactor projects in

Indiana.

(8) An examination of any other topic that the committee considers relevant in studying the feasibility of pursuing nuclear generated power in Indiana.

SECTION 5. That the committee shall operate under the policies governing study committees adopted by the legislative council.

SECTION 6. That the committee shall report its findings and any recommendations to the legislative council in an electronic format under IC 5-14-6 not later than December 1, 2008.